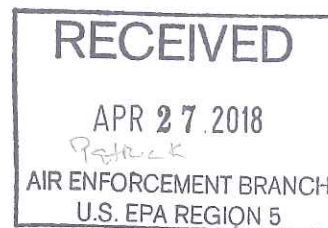




Granite City Works
United States Steel
20th & State Streets
Granite City, Illinois 62040
(618) 451-3456

April 12, 2018



The United States

U.S. Department of Justice by email:

Eescdcopy.enrd@usdoj.gov
Re: DJ # 90-5-2-1-064 76/1

U.S. Department of Justice by mail:

EES Case Management Unit
Environment and Natural Resources Division
U.S. Department of Justice
Box 7611
Washington, D.C., 20044-7611
Re: DJ# 90-5-2-1-06476/1

Certified Mail No. 7015 0640 0006 9546 2209

USEPA

✓ Compliance Tracker (AE-17J)
Air Enforcement and Compliance Assurance
Branch
U.S. Environmental Protection Agency
Region 5
77 West Jackson Blvd.
Chicago, IL 60604

Certified Mail No. 7015 0640 0006 9546 2155

Eric Cohen
Office of Regional Counsel, C-141
US EPA, Region 5
77 West Jackson Blvd.
Chicago, IL 60604

Certified Mail No. 7015 0640 0006 9546 2179

State of Illinois

Rebecca A. Burlingham
Supervising Attorney
Illinois Attorney General's Office
Environmental Bureau
69 West Washington Street, 18th Floor
Chicago, IL 60602

Certified Mail No. 7015 0640 0006 9546 2193

Chris Pressnall
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Certified Mail No. 7015 0640 0006 9546 2216

Manager, Compliance Unit
Illinois EPA - Bureau of Air
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Certified Mail No. 7015 0640 0006 9546 2162

Manager, Bureau of Air - Field Operations
Section
Collinsville Regional Office
2009 Mall Street
Collinsville, IL 62234

Certified Mail No. 7015 0640 0006 9546 2186

Re: ***United States, et al. v United States Steel Corporation***

Consent Decree 2:12-cv-304, DJ# 90-5-2-1-06476/1

United States Steel Corporation – Granite City Works

Joint SEP Completion Report – Street Sweeper with Enhanced Particulate Collection for Granite City, IL

To Whom it May Concern:

Pursuant to Section XVIII (Notices), Section VII (Supplemental Environmental Projects) and Appendix A.I. (Joint State and Federal Supplemental Environmental Projects - Street Sweeper with Enhanced Particulate Collection for Granite City, Illinois) of the above-referenced Consent Decree, U. S. Steel is submitting a Joint SEP Completion Report, within 30 days of completion, as required. The following required information is being provided:

Section VII. 47. a. A detailed description of the Joint SEP as implemented:

Attachment 1 provides a copy of the proposal/quote submitted to U. S. Steel by Key Equipment & Supply Company which provides a complete listing of standard features as well as additional product enhancements, factory certified training for service and operation and total delivered price of the unit.

Section VII. 47. b. A description of any problems encountered in completing the Joint SEP and solutions thereto:

No problems or issues were encountered in the implementation of this Joint SEP.

Section VII. 47. c. An itemized list of all Joint SEP costs expended, and documentation of all expenditures:

Total cost expended to complete this Joint SEP is \$265,750. Attachment 2 provides a copy of purchase order No. 20610355 dated 1/2/18 in the amount of \$265,750 issued to vendor Key Equipment & Supply Company and a copy of their proposal/quote for the referenced equipment.

Section VII. 47. d. Evidence of the Joint SEP completion (which may include, but is not limited to, photos, vendor invoices or receipts, correspondence from Joint SEP recipients, etc.):

Attachment 3 provides a copy of final invoice (No. 153201) for the street sweeper and a March 13, 2018 photo showing Mr. Michael E. Patton – Plant Manager USS Granite City Works handing over the keys to the sweeper to Mayor Ed Hagnauer – Mayor of Granite City, IL.

Section VII. 47. e. To the extent possible, documentation supporting the quantification of benefits associated with each Joint SEP and an explanation of how such benefits were measured or estimated:

Attachment 4 provides documentation that the 2018 Elgin Pelican NP Dual Waterless Mechanical Sweeper has been certified by the South Coast Air Quality Management District (SCAQMD) to have met Rule 1186 certification standards (Copy of Rule 1186 Compliance Testing Protocol is Attached). In addition, this Elgin Pelican unit includes the optional

'Industrial Application Package' which adds features that improve dust control performance in very fine materials found in industrial processing such as coal dust, cement or fly ash ('Industrial Application Package' information sheet is attached).

If you have any questions regarding this matter or require additional information, please contact Guy Lawrence at 618-451-3459 or gwlawrence@uss.com.

I certify that the project has been fully implemented pursuant to the provisions of the consent decree entered in *United States et al. v. United States Steel Corporation*, 2:12-cv-304 (N.D. Ind.), that I am familiar with the information in this document, and that, based on my inquiry of those individuals responsible for obtaining the information, it is true and complete to the best of my knowledge. I know that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael E. Patton", with a long horizontal flourish extending to the right.

Michael E. Patton

Plant Manager – Granite City Works
United States Steel Corporation

cc: David Hacker (USS)
Attachments

ATTACHMENT 1

ELGIN Pelican®

With Waterless Dust Control



The Pelican with dry dust control maintains all the popular features and sweeping performance that have made the Pelican the best selling three-wheel sweeper - without the use of water for dust suppression. This means increased pick-up of fine particles over traditional, wet dust control sweepers, proven reliable year-round sweeping and considerable water conservation. The Pelican's standard features include:

- **Outstanding maneuverability:** for quick turns and sweeping close to obstacles.
- **No jam debris conveyor:** to move large debris without jamming.
- **Variable height front dump hopper:** for single-lane dumping from ground level up to 9' 6".
- **Durable, purpose-build chassis:** provides reliable, low-maintenance operation and stable sweeping and dumping.
- **Efficient comfortable cab:** isolation mounted cab for a cleaner, quieter, more comfortable operating environment - large windows, wide see-through doors and a full-width windshield for 360 degree visibility.

Dry Dust Control System: The Pelican with dry dust control features a patented dust control system that includes a dust skirting system, dust separator in the hopper, and a dust control fan with a maintenance-free filter - working together to control fugitive dust without the use of spray water.

The Pelican's waterless dust control system means operators sweep more and spend less time filling tanks enhancing productivity. Without water, mud doesn't build up on components, which can reduce clean-up time at the end of the shift. And since there is no water, sweeping in freezing weather conditions is possible, helping you meet the growing demand for quick pick up of winter-time road sand, salt and cinders.

For more information or to schedule a demonstration, contact your local Elgin dealer or visit www.elginsweeper.com to locate a dealer near you.



Branch Office
P.O. Box 692109
Tulsa, OK 74169
918-809-8011

Branch Office
P.O. Box 11035
Kansas City, KS 66111
913-371-8260

Main Office
P.O. Box 2007
Maryland Heights, MO
63043

November 21, 2017

Chris Ickes, Global Procurement
United States Steel Corporation
600 Grant Street, Room 2028
Pittsburg, PA 15219



Dear Chris,

Thank you for the opportunity to provide United States Steel Corporation our 2018 Elgin Pelican NP Dual Waterless Mechanical Street Sweeper proposal. Key Equipment and Supply Company is proud to provide the safest, durable, and most dependable street sweepers available today.

Please review the following standard features:

Air cleaner, two-stage, dry type with restriction indicator
Alternator, 120 amp
Anti Siphon water fill
Automatic engine shutdown (oil pressure/engine temperature)
Automatic pickup in reverse.
Return to sweep feature
Back up alarm, electric
Battery, maintenance free
Brakes, power
Broom, main, prefab, disposable
Broom, main, hydraulically suspended
Broom, main, in cab pressure control
Broom, side broom, hydraulically suspended
Broom, side broom, in cab pressure control
Bumper pads, front jack
Coolant recovery system
Doors, see-thru with sliding upper windows
Engine, hour meter
Fenders, over front wheels
Flushing system for hopper/conveyor
Fuel tank, 35 gallons
Gauges & Warning lights for engine oil temp, engine oil pressure, fuel level, speedometer, odometer w/trip set
Heater, pressurizer with filtered air, defroster
Hose, hydrant fill, 16' 8" with coupling
Light, spotlight, adjustable, one per side broom
Lights, 2 combination, tail/stop lights
Lights, headlights, multiple beam

Lights, low water light

Manuals, operator and parts
Mirror, inside rear view
Mirrors, outside, front mounted 6" fish eyes
Mirrors, outside, west coast type, one each side
Parking brake with interlock
Seat Belts (both sides for dual)
Seats, extra wide Cordura suspension seats with arm rests
Sprung guide wheel, heavy duty
Steering wheel, tilt and telescoping
Signals, self-canceling directional with hazard switch
Sun visor(s)
Tachometer, diesel engine
Tires, tubeless radials
Tow loops, four
Water tank, fill gauge
Water tank, molded polyethylene, 220 gallon total nominal capacity
Wheels, dual guide
Windshield, tinted
Windshield washer
Windshield wipers with intermittent setting
B20 biodiesel compatible

Fuel Water separator with indicator light.
Rear Camera & in cab monitor
Electronic Throttle
Rear Camera & in cab monitor
return to sweep feature
wheels painted grey
window, opening front opera

In addition to the standard features, the following product enhancements have been added to your sweeper.

- Robert Shaw automatic lubrication system with an individual pump for each zerk
- Single LED strobe light with limb protector mounted to top rear of cab
- Right gutter broom tilt angle control from in cab
- AM/FM stereo weatherband radio with CD player and two speakers
- Air conditioner
- Heavy Duty dual limb guards
- Alternating LED strobe lights flush mounted to rear of sweeper in battery box
- LED Stop/Turn /Tail lights
- Sweep resume after transport
- Automatic engine shutdown for low hydraulic level and high temperature
- Dust control skirts
- Dust extraction fan and filtered air exhaust
- Tier 4 diesel motor
- Aluminum water tank 35 gallon(in lieu of 220 gallon tank)

NONRESPONSIVE

Dual Pelican Delivered Price per Unit

Must show proof of Sales Tax Exemption

Includes on site factory certified training by Key Equipment for service and operation

Payment Terms are Net 10

Delivery in approximately 90-120 days for the waterless Pelican

If you need any information, please call our St. Louis office at 800-325-4323. If I am traveling and you have an urgent need for information, a message will be forwarded immediately to my mobile phone. I am also available by e-mail at zac@keyequipment.com.

Yours truly,

Zac Scheetz

Zac Scheetz

Territory manager

Key Equipment & Supply Co.

314-616-9617

ATTACHMENT 2

**Standard Purchase Order-REVISED NOT A NEW PO**

KEY EQUIPMENT AND SUPPLY
CO
13507 NORTHWEST
INDUSTRIAL DRIVE
BRIDGETON,MO 63044

Order Number **20610355**

"Revision" 1

Order Status **OPEN**

Date Approved **02-JAN-2018**

COMPLETE USS ORDER NUMBER AND
LINE NUMBER FOR EACH ITEM MUST BE
SHOWN ON BILL OF LADING AND
INVOICE

This PO has been revised. For PO revision information refer to Quantity / Price / Deliver Date

Buyer: Spisak, Pavol
Tel: 412-433-2192
Fax: 412-433-7777
Email: procurementservices@uss.com

Bill To: UNITED STATES STEEL
CORPORATION ACCOUNTS
PAYABLE DEPARTMENT
PO BOX 267
Attn Accounts Payable
Pittsburgh, PA 15230
United States

****For all invoice related inquiries please contact AccountsPayableVendorInquiries@uss.com or 412-433-1303. DO NOT SUBMIT INVOICES TO THIS EMAIL ADDRESS****

****Please confirm pricing on purchase order is accurate prior to shipping to avoid invoicing discrepancies****

***** THIRD PARTY LOGISTICS TERMS AND CONDITIONS*****

All Truckload (TL) and Less than Truckload (LTL) shipping requirements must be arranged through USS Logistics Services, at either 412-433-2446 or freightrequest@uss.com. Failure to use USS Logistics Services for these shipping requirements will result in the freight charges being deducted from the seller's invoice.

All "Small Package" shipping requirements will continue to be arranged by the Seller as it has been in the past and will be billed to USS accordingly. "Small Package" is defined as any package that is less than 150 pounds in weight and the package length plus girth is less than 165 inches.

The risk of loss for all material shipped to USS, regardless of the shipping means, will remain with the Seller until delivered to the named destination, unless otherwise agreed to in writing.

Payment Terms	EOAP 60
Delivery Terms	3rd Party Logistics; Free Carrier, Incoterms 2010
Delivery Point	PRIMARY SHIP TO

**Standard Purchase Order-REVISED NOT A NEW PO**

KEY EQUIPMENT AND SUPPLY
CO
13507 NORTHWEST
INDUSTRIAL DRIVE
BRIDGETON, MO 63044

Order Number 20610355

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*****PLEASE NOTE THE FOLLOWING REGARDING THE TERMS AND CONDITIONS*****

TERMS AND CONDITIONS: The terms "Purchaser", "Buyer", "U. S. Steel," "USS" wherever used in this Purchase Order and or any document incorporated by reference or made a part hereof shall mean United States Steel Corporation, its operating divisions and domestic (USA) subsidiaries, unless specifically provided otherwise; provided, however, United States Steel Corporation does not assume and shall not be directly or indirectly responsible for the liabilities or obligations of any of its subsidiaries or affiliated entities other than for its express obligations under this Purchase Order. In addition to the specific terms and conditions printed on this form Seller agrees to be bound by and adhere to the U. S. Steel standard Purchase Order General Terms and Conditions which are hereby incorporated by this reference. Any oral or written expression of acceptance of this Purchase Order or any action by Seller to perform whichever shall first occur shall constitute Seller's acceptance and form an agreement. The terms of this Purchase Order including the Purchase Order General Terms and Conditions are the exclusive terms and conditions to apply to this agreement and any additional or different terms proposed by Seller are hereby rejected. To view the Purchase Order General Terms and Conditions visit the U. S. Steel website at WWW.USSTEEL.COM and using the "Doing Business" drop down bar go to the VENDORS page. From the VENDORS page the Purchase Order General Terms and Conditions can be viewed and printed by clicking on the Purchase Order General Terms and Conditions link. The Conditions of Purchase are subject to change from time to time.

****SAFETY REQUIREMENTS FOR SERVICES RENDERED*****

*** SAFETY REQUIREMENTS FOR SERVICES RENDERED ***The United States Steel Corporation strongly believes in "Safety First". If you are performing on-site services for United States Steel Corporation, you are required to register with ISNetworld prior to working at one of our facilities. In addition, a safety line-up meeting is REQUIRED prior to beginning work on U. S. Steel property when providing service to satisfy this Purchase Order.

Instructions & Notes

U. S. Steel is committed to doing business ethically, with integrity, and in compliance with all applicable laws and regulations. To that end, U. S. Steel has adopted a Code of Ethical Business Conduct and a Supplier Code of Conduct, both of which are available at <https://www.ussteel.com/doing-business/vendors>. The Code of Ethical Business Conduct sets forth U. S. Steel's values, and U. S. Steel expects its suppliers and other business partners to share those values and act accordingly, as described in the Supplier Code of Conduct.

COMPLIANCE WITH LAWS

General Obligations. The Seller will comply with all applicable Government Requirements relating to the design, production, sale, distribution and/or performance of the goods and/or services to be provided hereunder. A Government Requirement includes any law, order, rule, regulation or requirement of a Government. The term Government refers to any governmental body or entity (at any level, whether within the United States or a foreign country) that regulates the goods and/or services provided hereunder, including any equipment or construction/installation work and/or other type of services so provided.

BASIC WORKING CONDITIONS AND EMPLOYMENT STATUS

Basic Working Conditions The Seller shall not, in any part of the goods and services to be provided hereunder: (a) use forced labor, regardless of its form; (b) employ any person below the age of 15, unless it is part of a Government approved job training, apprenticeship or other program that would be clearly beneficial to its participants; or (c) engage in physically abusive disciplinary practices. Subcontractors If the Seller retains utilizes subcontractors and/or subvendors to perform work or supply goods hereunder, the Seller will use only subcontractors and subvendors that will adhere to the requirements of this Compliance with Laws Article. The Seller will monitor the subcontractor's compliance. Certification of Compliance The Seller represents when it delivers the goods and/or performs the services hereunder that it has complied with the requirements of this Section (Compliance with Laws, Basic Working Conditions and Subcontractors.) USS may retain an independent third party, or request the Seller to retain one reasonably acceptable to USS, to: (a) audit the Seller's compliance with the requirements of this Section; and (b) provide the Seller and USS with written certification of the Seller's compliance, including areas for potential improvement.



Standard Purchase Order-REVISED NOT A NEW PO

KEY EQUIPMENT AND SUPPLY
CO13507 NORTHWEST
INDUSTRIAL DRIVE
BRIDGETON, MO 63044

Order Number 20610355

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COMMITMENT TO THE CUSTOMS-TRADE PARTNERSHIP AGAINST TERRORISM

Seller acknowledges that Buyer is a certified member of the Customs-Trade Partnership Against Terrorism ("C-TPAT") program and that supply chain security is of the maximum importance to Buyer. Seller represents and warrants that it has reviewed the security measures in place at its facilities, and that those measures conform to C-TPAT requirements. Seller further agrees to allow Buyer or its representative(s) access to its facilities to evaluate Seller's security measures. Unless otherwise approved by Buyer, Seller agrees only to utilize carriers (e.g. truck, sea, rail) that are C-TPAT members for the material specified in this Purchase Order. Seller shall indemnify and hold Buyer harmless from and against all liability, claims, demands or expenses, including attorneys or other professional fees, arising from or relating to Seller's noncompliance.

INCORPORATION BY REFERENCE: Any clause required to be included in a contract of this type by any applicable and valid federal, state or local law or administrative rule or regulation having the effect of law shall be deemed to be incorporated herein.

USE OF USS GOODS The goods and/or services for which this quotation is being requested are for use on USS' premises. Accordingly, the vendor shall use all reasonable commercial efforts to procure flat rolled and tubular goods produced by USS, provided that such goods are a component of the requirements and can be procured in accordance with all project specifications and schedules. In connection with the Vendor's procurement of USS products in accordance with this provision, if the Vendor has a lower cost source, the lower cost product will be quoted as an alternative. If vendor cannot procure USS products it shall clearly state that it cannot comply and the reasons for noncompliance in its written response to this request for quotation.

ISO 14001 NOTICE TO SUPPLIERS: The Environmental Management Systems (EMS) of all United States Steel Corporation domestic manufacturing facilities are ISO 14001 Certified. Each facility EMS is committed to the prevention of pollution, compliance with all applicable environmental regulations and continuous improvement of U. S. Steel's environmental practices. AS A CONDITION OF THE AWARD OF FUTURE BUSINESS, All suppliers to U. S. Steel are expected to provide services and / or products in strict compliance with facility specifications, contracts, policies and EMS.

Primary Ship To: See Below

Note to Supplier: Quote dated November 21, 2017.

Vendor Must Agree to Deliver on or Before 3/30/18 In Order to Meet USS-GCW
Obligations Under the USEPA Region V Consent Order Dated 3/30/17.

Line	Delivery Date	UOM	Item No	Currency	Unit Price	Line Total
1	30-MAR-2018	EA	1000180180	USD	NONRESPONSIVE	NONRESPONSIVE
	Item Description	ENVIRONMENTAL ENGINEERING SERVICES;COMMON				
	Delivery Qty	NONRESPONSIVE				
	Requestor Email:	GWLawrence@uss.com				
	Ship To	36K-543-Q-GO2 EQC DEPARTMENT -WEST				



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GRANITE CITY WORKS CENTRAL WHS
19TH & EDWARDSVILLE RD(RT 203)
Granite City, IL 62040
United States

*For Item or Ship-To questions contact Lawrence, Guy W 6184513459

Total Amount

NONRESPONSIVE

Deliver To Location Specific Instructions

ALL DELIVERIES MUST STOP AT CENTRAL RECEIVING. RECEIVING GATE, 19TH; EDWARDSVILLE ROAD; IF THIS GATE IS CLOSED, PLEASE PROCEED TO THE NASH STREET GATE (E. 20TH AND NASH STREET); GRANITE CITY WORKS WILL BE CLOSED TO VEHICLE TRAFFIC FROM 3:00PM TO 7:00AM MONDAY THROUGH FRIDAY AND ALL DAY ON WEEKENDS; DELIVERIES WILL NEED TO BE COMPLETED BY 3:00PM OR EMERGENCY DISPATCH WILL NEED TO BE CONTACTED TO OPEN THE EXIT GATE. ALL FLAT-BED TRUCKS WITHOUT SIDE BOARDS ARE TO BE LOADED FOR SIDE UNLOADING ONLY. THE MATERIAL SAFETY DATA SHEET (MSDS) WHEN REQUIRED MUST BE MAILED TO: INDUSTRIAL HYGIENE DEPARTMENT GRANITE CITY WORKS, MAIL STATION SAF U.S. STEEL 1951 STATE STREET GRANITE CITY, IL 62040 SAFETY EQUIPMENT REQUIRED BY DELIVERY PERSONNEL BUT NOT LIMITED TO THE FOLLOWING: HARD HAT, SAFETY GLASSES WITH SIDE SHIELDS, LONG SLEEVE SHIRTS, AND BOOTS. GLOVES AND HEARING PROTECTION IN ALL AREAS OF THE PLANT WHERE REQUIRED."IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, SUBCONTRACTOR AND THEIR AGENTS TO BECOME FULLY ACQUAINTED WITH THE REQUIREMENTS OF OSHA'S PROCESS SAFETY



United States Steel Corporation

Page 5 of 5

Standard Purchase Order-REVISED NOT A NEW PO

KEY EQUIPMENT AND SUPPLY
CO
13507 NORTHWEST
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MANAGEMENT STANDARD, 29CFR 1910.119, PRIOR TO COMMENCING WORK AND TO COMPLY WITH THE AFORESAID REQUIREMENTS IN CONNECTION WITH THEIR PERFORMANCE UNDER THIS AGREEMENT. PARTICULAR ATTENTION IS REQUIRED TO THE PROVISION OF PARAGRAPH (H) OF THE STANDARD, WHICH SETS FORTH CONTRACT EMPLOYER'S RESPONSIBILITIES."MATERIAL SHIPPED WITHOUT A VALID PURCHASE ORDER WILL BE REFUSED AND RETURNED TO VENDOR.NO STEP/DROP DECK TRAILERS, STANDARD FLAT BED ONLY UNLESS SPECIFIED BY QUALIFIED U. S. STEEL REPRESENTATIVE. ALL BULK DELIVERIES MUST WEIGH IN / OUT BEFORE EXIT PASS WILL BE GRANTED.FOR DIRECTIONS TO THE PLANT, PLEASE CALL 618-451-5945.



Branch Office
P.O. Box 692109
Tulsa, OK 74169
918-809-8011

Branch Office
P.O. Box 11035
Kansas City, KS 66111
913-371-8260

Main Office
P.O. Box 2007
Maryland Heights, MO
63043

November 21, 2017

Chris Ickes, Global Procurement
United States Steel Corporation
600 Grant Street, Room 2028
Pittsburg, PA 15219



Dear Chris,

Thank you for the opportunity to provide United States Steel Corporation our 2018 Elgin Pelican NP Dual Waterless Mechanical Street Sweeper proposal. Key Equipment and Supply Company is proud to provide the safest, durable, and most dependable street sweepers available today.

Please review the following standard features:

Air cleaner, tw o-stage, dry type with restriction indicator
Alternator, 120 amp
Anti Siphon water fill
Automatic engine shutdown (oil pressure/engine temperature)
Automatic pickup in reverse.
Return to sweep feature
Back up alarm, electric
Battery, maintenance free
Brakes, power
Broom, main, prefab, disposable
Broom, main, hydraulically suspended
Broom, main, in cab pressure control
Broom, side broom, hydraulically suspended
Broom, side broom, in cab pressure control
Bumper pads, front jack
Coolant recovery system
Doors, see-thru with sliding upper windows
Engine, hour meter
Fenders, over front wheels
Flushing system for hopper/conveyor
Fuel tank, 35 gallons
Gauges & Warning lights for engine oil temp, engine oil pressure, fuel level, speedometer, odometer w/trip set
Heater, pressurizer with filtered air, defroster
Hose, hydrant fill, 16' 8" with coupling
Light, spotlight, adjustable, one per side broom
Lights, 2 combination, tail/stop lights
Lights, headlights, multiple beam

Lights, low water light

Manuals, operator and parts
Mirror, inside rear view
Mirrors, outside, front mounted 6" fish eyes
Mirrors, outside, west coast type, one each side
Parking brake with interlock
Seat Belts (both sides for dual)
Seats, extra wide Cordura suspension seats with arm rests
Sprung guide wheel, heavy duty
Steering wheel, tilt and telescoping
Signals, self-canceling directional with hazard switch
Sun visor (s)
Tachometer, diesel engine
Tires, tubeless radials
Tow loops, four
Water tank, fill gauge
Water tank, molded polyethylene, 220 gallon total nominal capacity
Wheels, dual guide
Windshield, tinted
Windshield washer
Windshield wipers with intermittent setting
B20 biodiesel compatible

Fuel Water separator with indicator light.
Rear Camera & in cab monitor
Electronic Throttle
Rear Camera & in cab monitor
return to sweep feature
wheels painted grey
window, opening front opera

In addition to the standard features, the following product enhancements have been added to your sweeper.

- Robert Shaw automatic lubrication system with an individual pump for each zerk
- Single LED strobe light with limb protector mounted to top rear of cab
- Right gutter broom tilt angle control from in cab
- AM/FM stereo weatherband radio with CD player and two speakers
- Air conditioner
- Heavy Duty dual limb guards
- Alternating LED strobe lights flush mounted to rear of sweeper in battery box
- LED Stop/Turn /Tail lights
- Sweep resume after transport
- Automatic engine shutdown for low hydraulic level and high temperature
- Dust control skirts
- Dust extraction fan and filtered air exhaust
- Tier 4 diesel motor
- Aluminum water tank 35 gallon(in lieu of 220 gallon tank)

Dual Pelican Delivered Price per Unit

NONRESPONSIVE

Must show proof of Sales Tax Exemption

Includes on site factory certified training by Key Equipment for service and operation

Payment Terms are Net 10

Delivery in approximately 90-120 days for the waterless Pelican

If you need any information, please call our St. Louis office at 800-325-4323. If I am traveling and you have an urgent need for information, a message will be forwarded immediately to my mobile phone. I am also available by e-mail at zac@keyequipment.com.

Yours truly,

Zac Scheetz

Zac Scheetz

Territory manager

Key Equipment & Supply Co.

314-616-9617

ATTACHMENT 3



INVOICE

Page	1
Invoice No.	153201
Invoice Date	03/13/18
Order No.	44108

Key Equipment STL
13507 Northwest Industrial Dr.

Bridgeton, MO 63044

Tel: 314-298-8330

Fax: 314-298-8376

Bill To: Customer No.: 025951

Ship To

GRANITE CITY WORKS
UNITED STATES STEEL CORPORATION
P.O BOX 267
PITTSBURGH, PA 15230

GRANITE CITY WORKS
1951 STATE STREET
GRANITE CITY, IL 62040

Tel:

Fax:

Customer PO	Salesperson	Company Contact	Shipping Method
20610355	Zac Scheetz		DELIVERY
Date Requested	Date Shipped	Entered By	Terms
03/13/18	03/13/18	ACH	NET ON RECEIPT

Item Number	Description	Qty Ordered	Qty Shipped	Qty Back Ordered	Unit Price	Disc %	Extension
704	2018 ELGIN PELICAN SWEEPER	1	1				
DEPOSIT	LESS: CUSTOMER DEPOSIT	1	1				

ICN: 6370

NONRESPONSIVE

PELICAN NP DUAL WATERLESS SWEEPER
S/N: NR41495
MILES = 3.4
HOURS = 6.7

Customer responsible for any and all applicable state and local taxes.

Sub Total Taxable	NonTaxable	Less Discount	Freight	Misc	Tax 0.000 (%)	Less Deposit	Balance Due
	0.00	0.00	0.00	0.00	0.00	0.00	

NONRESPONSIVE

Thank You

Signature : _____



Michael E. Patton (L) U. S. Steel - Granite City Works Plant Manager Handing the Keys to Mayor Ed Hagnauer (R) Mayor of City of Granite City, Illinois

ATTACHMENT 4



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

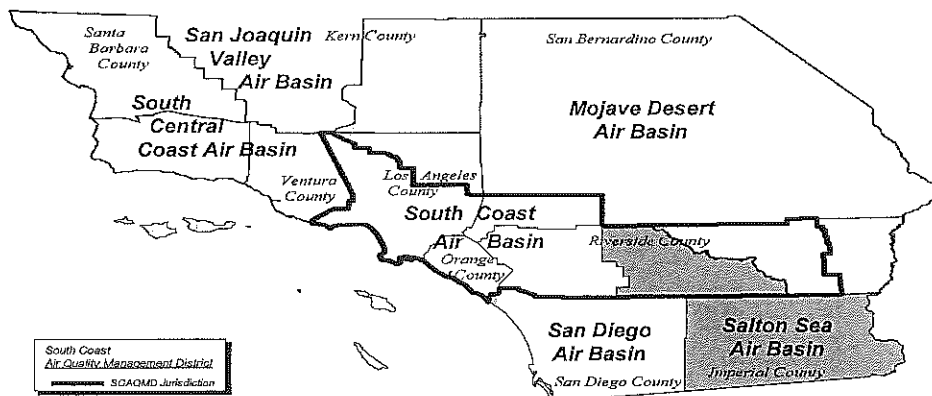
CERTIFIED STREET SWEEPERS UNDER SCAQMD RULE 1186

(AS OF JUNE 1, 2016*)

SCAQMD Rule 1186 requires local governments within the South Coast Air Quality Management District (see Figure below) to procure certified street sweepers for new equipment purchases or new street sweeping contracts made after January 1, 2000 (there are no retrofit requirements under Rule 1186).

Various SCAQMD regulations also require procurement of certified street sweepers to implement specific rule requirements. This list of equipment is updated periodically based on certifications test results and in response to new information.

The SCAQMD Governing Board adopted Rule 1186 street sweeper testing and certification procedures in September of 1999. Enclosed is a list of equipment that has met the Rule 1186 certification standards. (The equipment may either be new or upgraded to meet certification specifications). Questions on equipment capabilities and options should be directed to your local distributor and/or the manufacturer. Questions regarding the Rule requirements can be directed to Mike Laybourn, Air Quality Specialist, at (909) 396-3066 or mlaybourn@aqmd.gov.



Cleaning the air that we breathe...

* Additional sweepers may be certified based on future tests. You can call 1 (800) CUT-SMOG or visit www.aqmd.gov for the most recent list of Rule 1186 certified equipment.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)

RULE 1186 CERTIFIED* STREET SWEEPERS AS OF JUNE 1, 2016

THE FOLLOWING IS A LIST OF STREET SWEEPING EQUIPMENT THAT HAS CURRENTLY BEEN CERTIFIED FOR SCAQMD RULE 1186. ALL CERTIFIED EQUIPMENT MUST BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. FUTURE TESTING MAY QUALIFY ADDITIONAL EQUIPMENT. CALL 1 (800) CUT-SMOG FOR THE CURRENT LIST.

MAKE*	MODEL*	DUST CONTROL SYSTEMS*
ELGIN	PELICAN P & S PELICAN SE (WET SUPPRESSION)	<ul style="list-style-type: none"> FOUR (4) 0.06 INCH DIAMETER ORIFICE NOZZLES CENTRALLY LOCATED BETWEEN THE MAIN BROOM AND THE CONVEYOR TWO (2) 0.057 INCH DIAMETER ORIFICE NOZZLES LOCATED AT EACH GUTTER BROOM WATER PUMP TO PROVIDE 80 POUNDS PER SQUARE INCH WATER PRESSURE
ELGIN	PELICAN P (WATERLESS SUPPRESSION)	<ul style="list-style-type: none"> GUTTER/MAIN BROOM FULLY ENCLOSED SHROUD SYSTEM TWO CENTRIFUGAL DUST EVACUATION FANS SYNTHETIC MULTI-POCKET FILTER WITH HYDRAULIC SHAKER FOR DUST REMOVAL
ELGIN	PELICAN P (COMBINATION)	<ul style="list-style-type: none"> ALL OF THE FEATURES OF THE WET AND WATERLESS SUPPRESSION PELICAN P STREET SWEEPER WITH THE EQUIPMENT OPERATED IN EITHER THE WET OR WATERLESS MODE
ELGIN	EAGLE E EAGLE F EAGLE (CNG) BROOM BEAR ROAD WIZARD	<ul style="list-style-type: none"> FOUR (4) 0.06 INCH DIAMETER ORIFICE NOZZLES CENTRALLY LOCATED BETWEEN THE MAIN BROOM AND THE CONVEYOR THREE (3) 0.057 INCH DIAMETER ORIFICE NOZZLES LOCATED AT EACH GUTTER BROOM WATER PUMP TO PROVIDE 80 POUNDS PER SQUARE INCH WATER PRESSURE
ELGIN	EAGLE F (WATERLESS)	<ul style="list-style-type: none"> GUTTER/MAIN BROOM FULLY ENCLOSED SHROUD SYSTEM CENTRIFUGAL DUST EVACUATION FAN SYNTHETIC MULTI-POCKET FILTER WITH HYDRAULIC SHAKER FOR DUST CONTROL
ELGIN	EAGLE F (COMBINATION)	<ul style="list-style-type: none"> ALL OF THE FEATURES OF THE WET AND WATERLESS EAGLE F STREET SWEEPER WITH THE EQUIPMENT OPERATED IN EITHER THE WET OR WATERLESS MODE

* In order to ensure compliance with Rule 1186 requirements, all certified equipment must be operated and maintained in accordance with the manufacturer's specifications. End users are responsible for ensuring that the dust control systems are in place for each certified sweeper.

Note: The make and model of the sweeper must have the dust control system(s) specified above to be in compliance. (Standard or older models may not have all the systems). Please contact the manufacturer if you would like to ensure that your sweeper(s) are Rule 1186 compliant.

RULE 1186: APPENDIX A

South Coast Air Quality Management District Test Protocol

Rule 1186-Certified Street Sweeper Compliance Testing



September 1999

1 Scope - This protocol establishes a method for determining which street sweeping equipment is considered Rule 1186-certified under the provisions of South Coast Air Quality Management District (AQMD) Rule 1186.

1.1 Purpose - The purpose of this document is to describe a test protocol for gauging the PM10-efficiency of street sweeping equipment and to establish procedures to present test results. PM10-efficiency includes both the equipment's ability to remove typical urban street loadings and limit the amount of PM10 entrained during the sweeping process.

2 References

2.1 Test Methods - U.S. Environmental Protection Agency (EPA) reference test methods as established by 40 Code of Federal Regulations (CFR), Part 50, Appendix J, or EPA-published documents for EPA-approved equivalent methods for conducting particulate matter measurements (see Section 3.5). Any particulate matter air monitoring equipment used in the sweeper tests shall also be subject to prior approval by the AQMD.

3 Definitions

3.1 Street Sweeping Equipment - A self-propelled sweeper that is primarily designed to remove material from highways, arterials, collectors, and local roadways. Street sweeping equipment may use a broom or air stream to dislodge and direct material into a collection mechanism, that may be mechanical, pneumatic, or a combination of both systems to convey the swept material into a collection hopper.

3.2 Test Track - A level area (less than or equal to 3%) covered with asphalt (or equivalent) with roughness typical of paved roads on which the sweeping test is conducted that extends a minimum of 200 feet [61 meters] through an enclosed tunnel or building with a maximum height of 15 feet [4.6 meters]. The test track must contain 100 feet of curbing and a surrogate, rounded profile, speed bump (maximum dimensions - two inches tall and four inches wide) shall be placed diagonal to the test track at its midpoint (Figure 1). The shape, dimensions, and location of the speed bump shall be subject to prior AQMD approval.

3.3 Test Material - Prepared material used in the sweeping tests that consists of 90 percent (by weight) Department of Transportation washed sand and ten percent #10 Georgia Paint Pigment (calcium carbonate).

3.4 Test Material Density - Test material placed on the test track at a rate of 1,000 pounds per curb mile (i.e., 38 pounds over 200 foot test track or 17.2 kilograms over a 61 meter test track) with 50 percent deposited in the first six inches [15.2 centimeters] with the remaining 50 percent placed in the adjacent 18 inches [45.7 centimeters]. The test material shall be placed adjacent to the curb for the first 100 feet (30.5 meters) of the test track and approximately two feet away from any curbing for the remainder of the test track (see Figure 1). In instances where the test track has a fixed

curb, a surrogate curb shall be installed for 100 feet to ensure that half of the material is adjacent to a curb and the remaining half is approximately two feet from the curb while ensuring that the test material is arranged in a straight line.

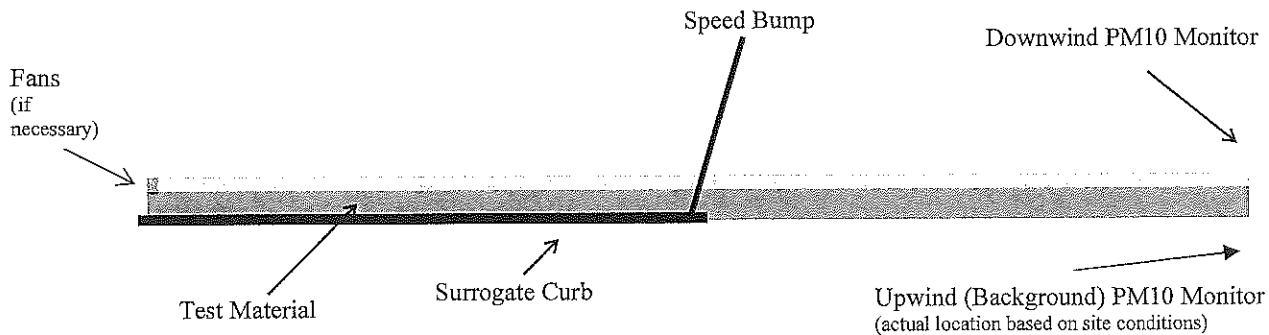


FIGURE 1 – TEST TRACK (TOP VIEW)

3.5 Ambient Particulate Matter Air Monitoring - Consists of air quality monitoring equipment operated, maintained, and calibrated in accordance with Section 2.1. At a minimum, one co-located PM10 monitor will be placed at the downwind end of the tunnel and one PM10 monitor shall be placed at a suitable upwind (background) site. If necessary to ensure an adequate flow rate through the test tunnel (at least one m/s, but no more than 6 m/s), four 3/4 horsepower 42-inch [106.7 centimeter] diameter fans will also be placed at the test track entrance to ensure appropriate air circulation and mixing. The size and power of the fans and the specific location of the fans and air monitoring equipment shall be based on site specific conditions and will be subject to approval by AQMD staff prior to test runs used for certification purposes.

4 Technical Requirements

4.1 Condition of Sweeper - Prior to each test run, the sweeper must be set at the normal operational settings according to the manufacturer's specification. Where the sweeper has variable duties of operation described in its instruction manual, then the sweeper should be operated at its maximum-duty cycle. Brooms and swept material containment curtains, etc., should be in like-new condition. These settings must be provided in the test report. Dust suppression systems, if provided, shall be active during the test.

4.2 Weather Conditions - Weather conditions must be dry, with wind speeds less than 12 miles per hour [6 meters per second] and such that it will not disturb test material. Weather instrumentation to measure temperature, humidity, wind speed, and wind direction shall also be required at least three feet [0.9 meters] below the test track cover.

4.3 Site Preparation

4.3.1 Test Track Layout - The test track shall be oriented to be parallel with the prevailing wind direction, with the tunnel entrance in the upwind position.

4.3.2 Pre-Test Run Test Track Conditioning - Prior to the pre-test run sweeper conditioning, the sweeper shall make as many passes through the test track as deemed necessary to ensure that the test track is clean.

4.3.3 Pre-Test Run Sweeper Conditioning - The sweeper shall be conditioned by sweeping approximately 3/4 of a cubic yard of washed sand spread to a depth of approximately one inch prior to the first test run. This is to assure that all ducting and related equipment that may retain a thin film of dust are at an equilibrium condition. The pre-test run sweeper conditioning shall be made using the equipment's dust control method (e.g., water spray, dry filters, etc.) as specified by the manufacturer.

4.3.4 Test Material Pattern - Test material shall be placed on the test track in accordance with the specifications established in Section 3.4. The test track shall be scrubbed and dried prior to conducting subsequent test runs.

4.4 PM10-Efficient Street Sweeper Testing

4.4.1 Test Runs - The sweeper shall start sweeping at a maximum duty cycle at least 100 yards away from the test track entrance and shall continue through the test track with the objective of removing the maximum amount of test material, subject to the other test requirements. After the first test-run, all test material shall be removed in accordance with Section 4.4.2 and the test track shall be dried prior to replacing the test material for subsequent test runs. These procedures shall be repeated until three test runs have been completed.

4.4.2 Travel Speed - During each test run, the goal is for the sweeper to travel at a minimum of five miles per hour [8 kilometers per hour]. Speed may be measured by timing each sweeper run from start to finish of each test run to verify travel speeds. The average speed from the three test runs shall be computed. Due to the difficulty in maintaining a five mile per hour speed, a minimum travel speed of four miles per hour for the average of the three test runs must be demonstrated for the test to be acceptable, with no more than one individual run below 4 mph and no individual run below 3 mph.

4.4.3 Post-Test Run Material Collection - All test material remaining on the test track shall be removed using suitable recovery equipment (e.g., modified carpet extractor or industrial scrubber). The recovery equipment must demonstrate at least an 80% test material collection efficiency *and* shall be subject to AQMD approval prior to testing and shall be thoroughly rinsed with clean water between each test material collection effort.

- 6 Calculations** - Unless specified otherwise, all ambient PM measurements and material collection results shall be calculated using the methodologies listed below.

6.1 Ambient Particulate Matter Air Monitoring Measurements:

$$M_{PM10} = \frac{S \times U \times \int_0^{T_{\text{sampling}}} (C_{PM10, \text{test}} - C_{PM10, o}) \times dt}{L}$$

where,

M_{PM10} = mass of PM10 entrained per unit length [mg/(m)]

$C_{PM10, \text{test}}$ = PM10 concentration measured at the downwind (end of the tunnel) monitor ($\mu\text{g}/\text{m}^3$)

$C_{PM10, o}$ = baseline PM10 concentration measured at upwind (background) monitor ($\mu\text{g}/\text{m}^3$)

S = cross sectional area of the tunnel (m^2)

U = linear speed of airflow in tunnel (meters/second)

T_{sampling} = standardized duration of sampling

L = distance swept [based on length of tunnel/test track for three runs] (meters)

6.2 Material Collection:

$$\frac{W_{\text{base}} - W_{\text{test}}}{W_{\text{base}}} \times 100 = N_{\text{pick-up}}$$

where,

$N_{\text{pick-up}}$ = pick-up efficiency (%)

W_{base} = weight of test material spread over test track before the test (grams)

W_{test} = weight of test material remaining on test track after test (grams)

ELGIN Pelican

Industrial Application Package



Fly Ash

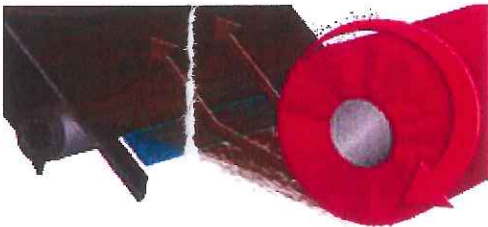


Coal Dust



Indoor Cleaning

The industrial application package adds features that improve dust control performance in very fine materials found in industrial processing such as coal dust, cement or fly ash. The package includes a lower roller deflector and a side broom speed adjustment.



The lower roller deflector, sometimes referred to a launch ramp, covers the rear portion of the lower roller and prevents dust, sand and gravel from being batted back into the broom by the conveyor coming around the lower roller. The material is moved more smoothly and completely on to the conveyor belt and into the hopper. The deflector can be removed if bulky material such as litter or leaves are to be swept, then reinstalled for the finer particle sweeping.

In order to prevent dust from being kicked up during the initial sweeping process, a 30% slower side broom speed setting is also programmed into the sweeper. This also allows an increased engine RPM when needed to enhance the air flow being generated by the dust control fan without over speeding the side brooms. This side broom/fan relationship enhances fugitive dust capture and filtration and reduces dust release into the atmosphere.

These features combined enhance the sweeper performance in the dry, powder type material making it an ideal cleaning solution for many industrial applications.

For more information or to schedule a demonstration, contact your local Elgin dealer or visit www.elginsweeper.com to locate a dealer near you.